



FEB 20 2004

2187

PTO/SB/21 (05-02)

Approved for use through 04/30/2003. OMB 0651-0031  
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## TRANSMITTAL FORM

(To be used for all correspondence after initial filing.)

Application Number	09/964,804
Filing Date	09/28/01
First Named Inventor	Sorensen, Lauge S.
Art Unit	2187
Examiner Name	Moazzami, Nasser G.
Total Number of Pages in This Submission	17
Attorney/Docket Number	Intel 2207/12794

### ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<b>Postcard</b>
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

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FEB 26 2004

Technology Center 2100

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Stephen T. Neal (Reg. No. 47,815)
Signature	
Date	February 17, 2004

### CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Pilar Rodriguez
Signature	
Date	February 17, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT & TRADEMARK OFFICE  
**FEET TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ 110.00)

Complete if Known

Application Number	09/964,804
Filing Date	09/28/01
First Named Inventor	Sorensen, Lars G.
Examiner Name	Moazzami, Nasser G.
Art Unit	2187
Attorney Docket No.	Int'l 2207/12794

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## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

11-0600

Deposit Account Number  
Name

KENYON &amp; KENYON

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X	
			- 3** =	X	

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater. For Reissues, see above.

## FEE CALCULATION (continued)

FEB 7 6 2004

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	110.00
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 110.00)

(Complete if applicable)

## SUBMITTED BY

Name (Print/Type)	Stephen T. Neal	Registration No. (Attorney/Agent)	47,815	Telephone: 408/975-7500
Signature	<i>Stephen T. Neal</i>	Date	February 17, 2004	

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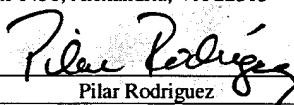
DOCKET NO.: 2207/12794  
Assignee: INTEL CORPORATION

#7/B  
CL  
02/28/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Sorensen, Lauge S.  
SERIAL NO. : 09/964,804  
FILED : 9/28/01  
FOR : NETWORK PROCESSOR FOR CACHE ARRAY  
ROUTING  
GROUP ART UNIT : 2187  
EXAMINER : Moazzami, Nasser G. RECEIVED  
FEB 26 2004  
Technology Center 2100

Commissioner for Patents  
P.O. Box 1450  
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Dated: February 17, 2004	Signature  Pilar Rodriguez

AMENDMENT

Dear Sir:

The following amendments and remarks below are respectfully submitted in  
response to the Office Action dated October 14, 2003.

**Amendments to the Claims** are reflected in the listing of claims which begin on  
page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.

The Commissioner is authorized to charge any additional fees or credit any  
overpayment in connection with this paper to Deposit Account No. 11-0600.